EXHIBIT E

KC ENGINEERING, P.C.
4300 S. LAKEPORT
SIOUX CITY, IOWA 51106

DATE: October 2, 2012

TO: Mr. Chad Kramer
Sioux Steel Company
196 ½ E 6th Street
Sioux Falls, SD 57101

RE: **ADDENDUM LETTER #1** - Engineering Analysis and Design Review of 18' Diameter and 30' Diameter Hopper Cone Assemblies

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Dear Mr. Kramer,

In accordance with our conversation on 9/28/2012, we have revised the column load calculations for the 30' Diameter Hopper. The initial hopper columns load calculations in our report dated 8/28/2012 took into account the bin stiffener loads, which are a function of the grain supported by friction on the bin walls, and the hopper loads, which are a function of the total grain in the bin. This approach is slightly conservative for the design of the columns as some of the bin stiffener load is counted twice.

The attached pages show separate column load calculations, without the double counting. With these new calculations, the columns for the 30' Diameter Hopper, as currently detailed, **are adequate**.

If you have any questions regarding this analysis, please contact me at (712) 252-2100.

Respectfully submitted,

Derek Matthies

Derek Matthies, EI
KC Engineering, P.C.

Reviewed by:

J O

Jason P. O'Mara
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PROJECT NAME: 30' ⌀ Hopper Analysis	PAGE 1 OF 1	DATE: 10/1/12
LOCATION: Sioux Steel	PROJECT #: 61165	
SUBJECT: Column Loads	DESIGNER: DM	

- Loads

Dead Load : 3.1 K/column (1.91K for Bin, 1.19K for Hopper)

Live Load : Grain = 55.3 lb/ft³

1. Bin Top → $\frac{1}{3}\pi r^2 h \gamma_g = \frac{1}{3}\pi 15^2 (6.4)(55.3)/1000 = 83.4^K$

2. Bin → $\pi r^2 h \gamma_g = \pi 15^2 (51.3)(55.3)/1000 = 2005.3^K$

3. Hopper → $\frac{1}{3}\pi r^2 h \gamma_g = \frac{1}{3}\pi 15^2 (15)(55.3)/1000 = 195.5^K$

Total = $2284.2^K/20 = 114.2^K$/column

- Load combination

LC # 2 : DL + LL

$P = 117.3^K$

$M = 17.0^{K\text{-}ft}$

*Note: Capacities from previous calculations

$$\frac{117.3^K}{191.1} + \frac{8}{9}\left(\frac{17.0}{49}\right) = 0.92 < 1.0$$

OK